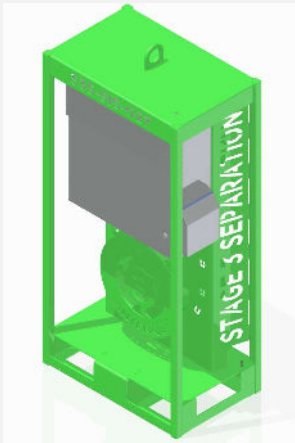




## DIESEL METERING SERVICES

Accurately measure and record your rig generator burn rate and verify diesel delivery - onsite and in real time.



### **S3S-SIS**

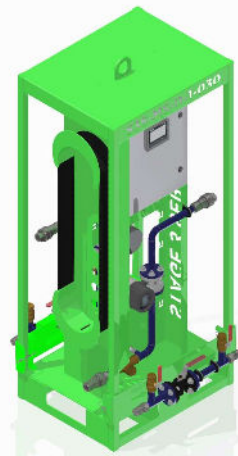
Power Input: 120VAC/1PH/60Hz  
 Power Input Plug: NEMA 5-15 Male  
 Data Connections: (4x) S3S-Dedicated Ports  
 Communication: LTE/5G/WiFi/LAN  
 Total Weight: 400 lbs

**SIS Skid** - This IOT unit connects the consumption meter and up to 4 offload meters to the cloud. It houses the PLC which provides both live visibility and access to historical data.

### **S3S-MS-D-1**

Power Input: 120VAC/1PH/60Hz  
 Power Input Plug: NEMA 5-15 Male  
 Strainer Size: 20 Mesh  
 Piping Material: SS-304 (ASTM A312)  
 Max Pressure: 150 psi  
 Total Weight: 436 lbs

**Real-Time Rig Generator Burn Rate (gpm)** - The S3S 1" Diesel Meter Skid (S3S-MS-D-1) directly measures the rig generator's diesel burn rate in gallons per minute with a  $\pm 0.1\%$  accuracy or better. This data is collected on-site and transmitted to the cloud by means of our Standalone IoT Skid (S3S-SIS), above.



### **S3S-MS-D-3**

Power Input: 24VDC (Powered from S3S-MS-D-1)  
 Power Input Plug: Meltric  
 Strainer Size: 20 Mesh  
 Piping Material: Carbon Steel (ASTM A53)  
 Max Pressure: 150 psi  
 Total Weight: 525 lbs

**Real-Time Diesel Delivery Verification** - The S3S 3" Meter Skid (S3S-MS-D-3) accurately measures ( $\pm 0.1\%$ ) the total volume of each diesel delivery in gallons. This measurement can be directly compared to the delivery ticket from the diesel vendor for each load; the data is transmitted through the SIS Skid for viewing and historical verification.





**North America's Largest Dedicated Separation Company**

## **BENEFITS OF STAGE 3 DIESEL METERING**

### **Integrated Generator By-Pass Piping Allows for Continuous Operation During Maintenance**

Integrated by-pass piping can easily be disconnected from the skid. This allows the meter to be serviced or replaced while the drilling rig generators continue to run, maintaining production and profitability.



### **Better Design Means Operator Convenience**

Dedicated wire racks incorporated into each skid and all piping arrangements and connections have been thoughtfully designed to reduce rig-up time. We use industry-standard, quick-disconnect hose fittings, as well as built-in check valves, strainers, and drain valves.

### **Easy Picking and Mobilization**

Mobilization is top of mind in this design. We integrate four-way fork pockets at the bottom, and a single-point lifting-eye on the top of each skid.

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